Appl. No. Filed

09/890,416

July 27, 2001

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A composition for preventing or treating a disease accompanied by a decrease in bone weight, the composition comprising a pharmaceutically acceptable carrier and, as an active component, at least one member selected from a compound represented by Formula (1) or a multimer thereof:

$$(A)_n \qquad (B)_m \qquad (1)$$

wherein A and B are the same or different and are independently selected from the group consisting of halogen, amino, amidino, anilinoamide, mercapto, sulfonic acid, phosphate, carboxy, hydroxy C_1 - C_5 alkyl, sugar residue, -OR 1 , and -OCOR 2 ;

wherein R^1 is selected from the group consisting of hydrogen, C_1 - C_5 alkyl, hydroxy C_1 - C_5 alkyl, and C_2 - C_5 alkenyl; and

 R^2 is selected from the group consisting of $C_1\text{-}C_5$ alkyl, hydroxy $C_1\text{-}C_5$ alkyl, and $C_2\text{-}C_5$ alkenyl;

n is number of substituents A present and is a number from 0 to 5; and m is number of substituents B present and is a number from 0 to 5; and

wherein the disease accompanied by a decrease in bone weight is any of menopausal or post-menopausal diseases

wherein the composition is in a form selected from the group consisting of soft drinks, juice, tea, powdered juice, powdered soup, cookies, biscuits, cereals, chewable tablets, chewing gums, candies, gummy candies, wafers, senbei (Japanese rice crackers), dressing, sauce, powdered seasoning, bread, noodles, mochi (rice cake), fish paste products, tablets, paste, and jelly.



- 2. (Original) The composition according to claim 1 which is a pharmaceutical composition.
 - 3. (Original) The composition according to claim 1 which is a food composition.
 - 4. Cancelled.
 - 5. Cancelled.
 - 6. Cancelled.

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7. (Currently amended) The composition according to claim 6 1 which is an oral composition.

8. (Original) The composition according to claim 1, wherein the compound represented by formula (1) and its multimers are derived from one or more members selected from the group consisting of plants of the Polygonaceae family, plants of the Vitaceae family, white hellebore (Veratrum album), mulberry and peanut.

9. (Previously amended) The composition according to Claim 1, wherein the compound represented by Formula (1) is substituted at least as follows:

$$A^3$$
 B^4

wherein A³, A⁵, and B⁴ are the same or different and are independently selected from the group consisting of hydroxyl, sugar residue, and -OCOR²;

wherein R^2 is selected from the group consisting of C_1 - C_5 alkyl, hydroxy C_1 - C_5 alkyl, and C_2 - C_5 alkenyl.

10. (Original) The composition according to claim 1 which further contains one or more members selected from the group consisting of vitamin C, vitamin D, vitamin K, related compounds thereof, calcium and magnesium.

11. (Currently amended) A method for preventing or treating diseases accompanied by a decrease in bone weight by taking or administrating increasing breaking load and breaking energy in bones of a mammal without significantly increasing bone density, comprising administering to the mammal an effective amount of at least one member selected from the compound represented by Formula (1) or a multimer thereof:

$$(A)_n = A$$

wherein A and B are the same or different and are independently selected from the group consisting of halogen, amino, amidino, anilinoamide, mercapto, sulfonic acid, phosphate, carboxy, hydroxy C_1 - C_5 alkyl, sugar residue, -OR¹, and -OCOR²;



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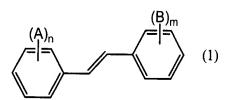
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wherein R^1 is selected from the group consisting of hydrogen, C_1 - C_5 alkyl, hydroxy C_1 - C_5 alkyl, and C_2 - C_5 alkenyl; and

 R^2 is selected from the group consisting of $C_1\text{-}C_5$ alkyl, hydroxy $C_1\text{-}C_5$ alkyl, and $C_2\text{-}C_5$ alkenyl;

n is number of substituents A present and is a number from 0 to 5; and m is number of substituents B present and is a number from 0 to 5.

- 12. Cancelled.
- 13. Cancelled.
- 14. Cancelled.
- 15. Cancelled.
- 16. Cancelled.
- 17. Cancelled.
- 18. Cancelled.
- 19. (Currently amended) A method for preventing or treating hypertension and diseases resulting from hypertension by taking or administrating cerebral apoplexy in a mammal, comprising administering to said mammal an effective amount of at least one member selected from the compound represented by Formula (1) or a multimer thereof:



wherein A and B are the same or different and are independently selected from the group consisting of halogen, amino, amidino, anilinoamide, mercapto, sulfonic acid, phosphate, carboxy, hydroxy C_1 - C_5 alkyl, sugar residue, -OR¹, and -OCOR²;

wherein R^1 is selected from the group consisting of hydrogen, C_1 - C_5 alkyl, hydroxy C_1 - C_5 alkyl, and C_2 - C_5 alkenyl; and

 R^2 is selected from the group consisting of $C_1\hbox{-} C_5$ alkyl, hydroxy $C_1\hbox{-} C_5$ alkyl, and $C_2\hbox{-} C_5$ alkenyl;

n is number of substituents A present and is a number from 0 to 5; and m is number of substituents B present and is a number from 0 to 5.

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20. (Previously added) The method according to Claim 11, wherein the disease accompanied by a decrease in bone weight is any of menopausal or postmenopausal diseases.

- 21. (Previously added) The method according to Claim 11, wherein said compound is part of a pharmaceutical formulation.
- 22. (Previously added) The method according to Claim 11, wherein said compound is part of a food product.
- 23. (Previously added) The method according to Claim 11, wherein the disease accompanied by a decrease in bone weight is a disease accompanied by resorption of alveolar bone.
- 24. (Currently amended) The method according to Claim 23, wherein said compound is adapted for orally administration performed administered by application of a medium selected from the group consisting of dentifrice, liquid dentifrice, mouthwash, mouth spray, oral liniment, swab, floss, oral liniment applicator, tablets, chewing gum, and candy.
- 25. (Previously added) The method according to Claim 11, wherein the compound represented by Formula (1) is obtained from at least one plant selected from the group consisting of plants of Polygonaceae family, plants of Vitaceae family, white hellebore (Veratrum album), mulberry, and peanut.
- 26. (Previously added) The method according to Claim 19, wherein said compound is part of a pharmaceutical formulation.
- 27. (Previously added) The method according to Claim 19, wherein said compound is part of a food product.
- 28. (Previously added) The method according to Claim 19, wherein hypertension or the disease resulting from hypertension is present in menopausal or post-menopausal period.
- 29. (Previously added) The method according to Claim 19, wherein the compound represented by Formula (1) is obtained from at least one plant selected from the group consisting of plants of Polygonaceae family, plants of Vitaceae family, white hellebore (Veratrum album), mulberry, and peanut.